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**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
17586A USA

PTO

Total Pages in this Submission

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**OPTO-ELECTRIC MODULE FOR MULTI-FIBER ARRAYS**

and invented by:

**Michael M. O'Toole, Bradley S. Levin, Phillip J. Edwards, Lee L. Xu, Joseph J. Vandenberg, and Joseph Markham**If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: PCT/US00/30525

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 39 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal                      Number of Sheets 11
- b. ☐ Informal                      Number of Sheets \_\_\_\_\_
4. ☐ Oath or Declaration
- a. ☐ Newly executed *(original or copy)*                      ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☐ With Power of Attorney                      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied  
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☐ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449                      ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class                      ☒ Express Mail *(Specify Label No.):* EL598707426US

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Docket No.  
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**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☒ Additional Enclosures *(please identify below):*

Petition for Revival of an Application for Patent Abandoned  
Unintentionally.

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

- ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

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(Only for new nonprovisional applications under 37 CFR 1.53(b))

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**Fee Calculation and Transmittal**

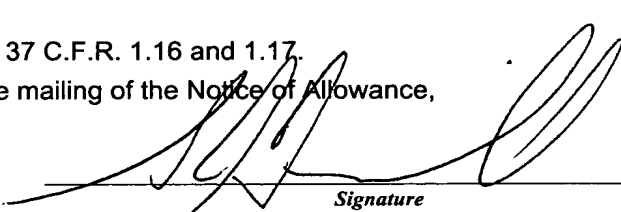
**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	50	- 20 =	30	x \$18.00	\$540.00
Indep. Claims	7	- 3 =	4	x \$80.00	\$320.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$710.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$1,570.00

- ☒ A check in the amount of **\$1,570.00** to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **19-5425** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☒ Credit any overpayment.
- ☐ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: July 9, 2001

CC:

  
Signature  
**Stephen J. Driscoll**  
The Whitaker Corporation  
4550 New Linden Hill Road  
Suite 450  
Wilmington, DE 19808  
Telephone: (302) 633-2763  
Facsimile: (302) 633-2776

**Petition For Revival Of An Application For Patent Abandoned Unintentionally  
Under 37 CFR 1.137(b) (Large Entity)**
**Docket No.  
17586A**
**In Re Application Of: Michael M. O'Toole, Bradley S. Levin, Phillip J. Edwards, Lee L. Xu,  
Joseph J. Vandenberg, and Joseph Markham**

<b>Serial No.</b> <b>PCT/US00/30525</b>	<b>Filing Date</b> <b>November 3, 2000</b>	<b>Examiner</b> <b>N/A</b>	<b>Group Art Unit</b> <b>N/A</b>
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**Invention: OPTO-ELECTRIC MODULE FOR MULTI-FIBER ARRAYS**
**ASSISTANT COMMISSIONER FOR PATENTS**
**Attention: Office of Petitions**
**Box DAC**
**Washington, D.C. 20231**

**NOTE:** If information or assistance is needed in completing this form, please contact Petitions Information at (703) 305-9282.

The above-identified application became abandoned for failure to file a timely and proper response to a notice or action by the Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the Office notice or action plus any extension of time actually obtained.

**APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION**

**NOTE:** A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee--required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. ☐ A proposed reply to the above-identified notice or action:

☐ is enclosed. ☐ was filed on \_\_\_\_\_

The proposed reply is in the form of: \_\_\_\_\_

2. ☐ The issue fee:

☐ is enclosed. ☐ was paid on \_\_\_\_\_

3. ☐ The abandoned application was a:

☐ design application. ☐ utility application. ☐ plant application.   X   PCT application

4. ☐ A terminal disclaimer (and fee) disclaiming a period equivalent to the period of abandonment is enclosed.

5. ☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.

**Petition For Revival Of An Application For Patent Abandoned Unintentionally  
Under 37 CFR 1.137(b) (Large Entity)**

Docket No.  
**17586A**

In Re Application Of: **Michael M. O'Toole, Bradley S. Levin, Phillip J. Edwards, Lee L. Xu,  
Joseph J. Vandenberg, and Joseph Markham**

Serial No.	Filing Date	Examiner	Group Art Unit
<b>PCT/US00/30525</b>	<b>November 3, 2000</b>	<b>N/A</b>	<b>N/A</b>

Invention: **OPTO-ELECTRIC MODULE FOR MULTI-FIBER ARRAYS**

**Calculation and Payment of Fees**

Enclosed are the following fees:

6	<input checked="" type="checkbox"/> Petition fee under 37 CFR 1.17(m) in the amount of:	<u><b>\$1,240.00</b></u>
7	<input type="checkbox"/> Fee for amendment in the amount of:	<u>                    </u>
8	<input type="checkbox"/> Fee for extension of time to respond to Office Action in the amount of:	<u>                    </u>
9	<input type="checkbox"/> Issue fee in the amount of:	<u>                    </u>
10	<input checked="" type="checkbox"/> Continuing application filing fee in the amount of:	<u><b>\$1,570.00</b></u>
11	<input type="checkbox"/> Terminal disclaimer fee in the amount of:	<u>                    </u>
12	<input type="checkbox"/> _____	<u>                    </u>
Total fees enclosed:		<u><b>\$2,810.00</b></u>

The fee of **\$2,810** is to be paid as follows:

- ☒ A check in the amount of the fee is enclosed.
  - ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **19-5425**
- A duplicate copy of this sheet is enclosed.

**Petition For Revival Of An Application For Patent Abandoned Unintentionally  
Under 37 CFR 1.137(b) (Large Entity)**

Docket No.  
17586A

In Re Application Of: Michael M. O'Toole, Bradley S. Levin, Phillip J. Edwards, Lee L. Xu,  
Joseph J. Vandenberg, and Joseph Markham

Serial No.  
PCT/US00/30525

Filing Date  
November 3, 2000

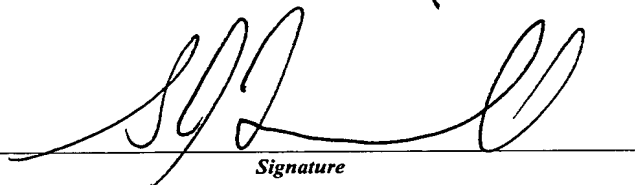
Examiner  
N/A

Group Art Unit  
N/A

Invention: OPTO-ELECTRIC MODULE FOR MULTI-FIBER ARRAYS

**Statement**

The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional.



*Signature*

Dated: July 9, 2001

Stephen J. Driscoll  
The Whitaker Corporation  
4550 New Linden Hill Road  
Suite 450  
Wilmington, DE 19808  
Telephone: (302) 633-2763  
Facsimile: (302) 633-2776

I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Signature of Person Mailing Correspondence*

*Typed or Printed Name of Person Mailing Correspondence*

CC:

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Michael M. O'Toole, et al.

Docket No.

17586A USA

Serial No.

Not yet assigned

Filing Date

herewith

Examiner

N/A

Group Art Unit

N/A

Invention: **OPTOELECTRIC MODULE FOR MULTI-FIBER ARRAYS**

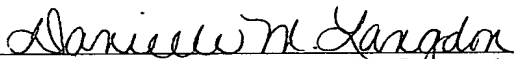
I hereby certify that the following correspondence:

Continuation Application.

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under

37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231

July 9, 2001*(Date)*Danielle M. Langdon*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EL598707426US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**